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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION OF PRIOR POWERS OF ATTORNEY AND APPOINTMENT OF NEW  
POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**

As assignee of record of the entire interest of the following identified applications:

Application Number	Filing Date	First Named Inventor	Art Unit	Examiner	Attorney's Docket	Record of Assignment (Reel/Frame)
10/077,391	02/15/2002	NIKOLOVSKI	1725	TRAN	201143.00014	012910/0983
10/164,131	06/05/2002	STREZOV	1725	LIN	201143.00022	013217/0573
10/296,354	12/31/2002	ZIEGELAAR	3725	LARSON	201143.00001	013919/0275
10/352,433	01/28/2003	NIKOLOVSKI	1725	LIN	201143.00026	012133/0475
10/418,575	04/18/2003	BLEJDE	1725	LIN	201141.00040	013985/0567 015708/0119
10/614,144	07/07/2003	FISH	1725	KERNS	201143.00034	014886/0523
10/950,773	09/27/2004	FISH	1725	TRAN	201143.00037	014886/0523
11/057,452	02/14/2005	FUKASE	1725		201143.00039	COPY ATTACHED; CLIENT REF.# .441

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

all powers of attorney previously given for the above identified applications are hereby revoked; and

**NEW POWER OF ATTORNEY**

I hereby appoint the following attorneys and/or agents to prosecute and transact all business in the Patent and Trademark Office connected therewith.

All Attorneys and Agents associated with  
**Customer Number 021324**

**SEND CORRESPONDENCE TO:**

**DIRECT TELEPHONE CALLS TO:**

Customer No. 021324  
Hahn Loeser + Parks, LLP  
One GOJO Plaza  
Suite 300  
Akron, Ohio 44311-1076

Phone: 330 864 5550

**Assignee of the Entire Interest:**  
Castrip LLC  
2100 Rexford Road  
Charlotte, North Carolina 28211

**ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION PER 37 C.F.R. § 3.73(b)**

Documentary evidence of a chain of title from the original owner to the assignee is recorded in the assignment records of the U.S. Patent and Trademark Office on Reel and Frame Numbers referenced above, or as indicated in the attached copies as referenced above.

The person signing below is authorized to act on behalf of the assignee.

Date: JULY 10, 2005

Signature 

Castrip LLC

Name: RICHARD L. WECHSLER

Title: ACTING PRESIDENT

ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 29385-76798

Client Reference No.: .441

**PATENT ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s)  
of Inventor(s)

Hisahiko Fukase

Shiro Osada

Hirovuki Otsuka

Atsushi Hirata

Hiroki Yoshizawa

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of  
Application

**A METHOD AND APPARATUS FOR CONTINUOUSLY CASTING STEEL STRIP**

Serial No.:  
Filing Date:

\_\_\_\_\_  
\_\_\_\_\_

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of  
Assignee

Castrip LLC

Address of  
principal  
place of  
business

2110 Rexford Road

Charlotte, NC 28211

Insert State of  
Incorporation  
(if applicable) or  
"Not Applicable"

a corporation of Delaware

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at Tokyo, Japan  
(city and state or country if outside USA)  
this 21th day of Feb, 2005

Outside the USA: Masayasu Saito  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness Masayasu Saito  
Ryuji Ohkawa  
Witness Ryuji Ohkawa

Hisahiko Fukase  
Inventor (Signature)  
Hisahiko Fukase  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }  
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_,

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name

My Commission Expires: \_\_\_\_\_

Resident of \_\_\_\_\_ County

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Witness Masayasu Saito

Shiro Osada  
Inventor (Signature)  
Shiro Osada  
Inventor (Printed Name)

ACKNOWLEDGMENT

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COUNTY OF } SS:

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this \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name

My Commission Expires: \_\_\_\_\_ Resident of \_\_\_\_\_ County

IN WITNESS WHEREOF, I have executed this assignment at Tokyo, Japan  
this 22th day of February, 2005 (city and state or country if outside USA)

Outside the USA: Masayasu Saito  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness Masayasu Saito

Hiroyuki Otsuka  
Inventor (Signature)  
Hiroyuki Otsuka  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }  
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name

My Commission Expires: \_\_\_\_\_ Resident of \_\_\_\_\_ County

IN WITNESS WHEREOF, I have executed this assignment at Tokyo, Japan  
(city and state or country if outside USA)  
this 22<sup>th</sup> day of February, 2005.

Outside the USA: Masayasu Saito  
Witness Masayasu Saito  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Ryuji Ohkawa  
Witness Ryuji Ohkawa

Atsushi Hirata  
Inventor (Signature)  
Atsushi Hirata  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }  
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name

My Commission Expires: \_\_\_\_\_ Resident of \_\_\_\_\_ County

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Witness Masayasu Saito  
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Ryuji Ohkawa  
Witness Ryuji Ohkawa

Hiroki Yoshizawa  
Inventor (Signature)  
Hiroki Yoshizawa  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }  
COUNTY OF } SS:

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this \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name

My Commission Expires: \_\_\_\_\_ Resident of \_\_\_\_\_ County